

Abstract of the Disclosure

A method and apparatus for automatically adjusting the gains of a feedback controller while the process continues to run and the controller continues to operate and control the process is disclosed. A desired closed-loop control bandwidth and a target loop transfer function are specified by the operator, and the tuning is accomplished automatically with minimal operator intervention and without the need for developing a model of the process. The automatic tuner subjects the process to one or more disturbance and the operation of both the process and the controller are monitored.

CERTIFICATE UNDER 37 CFR 112. The undersigned hereby certifies that this patent or papers, as described hereinafter, are being deposited in the United States Postal Service, "Express Mail Post Office to Addressee" having an Express Mail Mailbox label number of:

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